

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

PERMITTEE

CP-D Acquisition Company, LLC
Attn: Roy Galman
12701 South Ridgeway Avenue
Alsip, Illinois 60803

Application No.: 02040026

I.D. No.: 031003ADP

Applicant's Designation:

Date Received: September 2, 2003

Subject: Paper Coating Operation

Date Issued:

Expiration Date:

Location: 12701 South Ridgeway Avenue, Alsip

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of:

- 3 Corrosion Inhibitor (CI) Coating and Printing Lines
- 1 Wax Coating Line
- 2 CI/Wax Mixing Tanks

as described in the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special conditions:

- 1a. This federally enforceable state operating permit is issued to limit the emissions of volatile organic material (VOM) from the source to less than major source thresholds, i.e., VOM to less than 25 tons per year, as further described in Attachment A. As a result, the source is excluded from requirements to obtain a Clean Air Act Permit Program permit.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- c. This permit supersedes all operating permits issued for this location.
- 2. The emissions of Hazardous Air Pollutants (HAP) as listed in Section 112(b) of the Clean Air Act shall be less than 10 tons/year of any single HAP and 25 tons/year of any combination of such HAPs. As a result of this condition, this permit is issued based on the emissions of all HAPs from this source not triggering the requirements to obtain a Clean Air Act Permit Program (CAAPP) permit.
- 3a. Emissions and operation of 3 CI coating and printing lines shall not exceed the following limits:

<u>Material</u>	<u>Usage</u>		<u>Emission</u>	<u>VOM Emissions</u>	
	<u>(Lb/Mo)</u>	<u>(Lb/Yr)</u>	<u>Factor</u> <u>(%)</u>	<u>(Lb/Mo)</u>	<u>(Tons/Yr)</u>
CI Coatings and Inks (Total)	95,616	1,125,800	2.93	2,802	16.49

- b. These limits are based on the gravimetical testing including an application rate of coating to ink of a minimum of 278 lbs of coating to 1 lb of ink and the ink contained a minimum of 39% solids, maximum material application rates, 8,760 hours of operation and the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.
- c. This permit is issued based on no Hazardous Air Pollutants are contained in the CI coatings as demonstrated during the most recent gravimetical testing performed by the facility.
- 4a. Emissions and operation of the wax coating line shall not exceed the following limits:

<u>Material</u>	<u>VOM Usage</u>		<u>VOM Emissions</u>	
	<u>(Lb/Month)</u>	<u>(Lb/Year)</u>	<u>(Lb/Month)</u>	<u>(Tons/Year)</u>
Wax Laminating Coating	995	11,720	995	5.86

These limits are based on VOM usage = material usage x material VOM content, complete volatilization of the VOM content of the material, maximum application rates, 8,760 hours of operation and the information provided in the permit application. Compliance with annual limits shall be determined from a running total of 12 months of data.

- b. Pursuant to 35 Ill. Adm. Code 218.204(c), the wax laminating coating's VOM content shall not exceed 2.3 lbs/gallon, minus water and other exempted compounds.
- 5. This permit is issued based on negligible emissions of volatile organic material (VOM) from the 2 CI/wax mixing tanks. For this purpose emissions from each emission source, shall not exceed nominal emission rates of 0.1 lb/hour and 0.44 tons/year.
- 6. Pursuant to Adjusted Standard AS 03-5, issued on September 18, 2003 and amended on November 20, 2003:
 - a. Pursuant to Section 28.1 of the Environmental Protection Act, The board grants CP-D Acquisition Company, LLC an adjusted standard from 35 Ill. Adm. Code 218.204(c) effective September 18, 2003. The Adjusted Standard applies to the equipment and emission sources at this facility.
 - b. The 2.3 pounds of volatile organic material (VOM) per gallon of coating applied limitation of 35 Ill. Adm. Code 218.204 (c) does not apply. Instead, CP-D Acquisition Company, LLC is subject to the following:
 - i. The Total VOM Emissions from this Cromwell-Phoenix, Inc facility must not exceed 25 Tons per year;

- ii. The Versil Pak Wax laminating coatings must continue to meet the limitations of 35 Ill. Adm. Code 218.204 (c);
 - iii. The web fed and sheet fed corrosion inhibiting (CI) coating and printing lines must use CI solutions which, as applied, do not exceed 8.3 lb of VOM per gallon of coating, less water;
 - iv. CP-D Acquisition Company, LLC must operate in full compliance with all other applicable provisions of 35 Ill. Adm. Code Part 218, including but not limited to Subpart F;
 - v. CP-D Acquisition Company, LLC must continue to investigate CI coatings with a reduced VOM content. Where practicable, CP-D Acquisition Company, LLC must substitute current coatings with lower VOM content coatings as long as such substitution does not result in a net increase in VOM emissions. Beginning on October 1, 2004 CP-D Acquisition Company, LLC must prepare and submit each year an annual report summarizing the activities and results of these investigative efforts. This annual report must be submitted to the Illinois EPA Bureau of Air Compliance and Enforcement Unit;
 - vi. CP-D Acquisition Company, LLC must operate in full compliance with the Clean Air Act, Illinois Environmental Protection Act, and any other applicable regulations.
 - vii. CP-D Acquisition Company, LLC must continue to report all annual emissions to the Illinois EPA in accordance with the requirements of 35 Ill. Adm. Code Part 254.
7. In the event that the operation of this emission unit results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the odor nuisance.
8. The Permittee shall maintain the following records:
- a. Name, Usage (lb/day, lb/month and lb/year), VOM and HAP contents, Emissions rates, and VOM and HAP emissions for the following material:
 - i. CI coatings including testing compositions;
 - ii. Inks;
 - iii. Wax laminates,
 - b. VOM content minus water and other exempt compounds of the CI coatings and Wax laminates;
 - c. VOM emission from mixers; and

- d. Total VOM and HAP emissions of the facility (all sources) (lb/mo and ton/yr).
- 9. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
- 10. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
- 11. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
9511 West Harrison
Des Plaines, Illinois 60016

If you have any questions on this, please call Eric Jones at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:EEJ:psj

cc: Illinois EPA, FOS Region 1
Lotus Notes

Attachment A - Emissions Summary

This attachment provides a summary of the maximum emission of an affected paper coating plant operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Agency used the annual operating scenario, which results in maximum emissions from such a plant. Limiting usage of VOM and HAP containing materials to levels below major status and basing emissions are equal to the usage of these materials. The resulting maximum emissions are well below the levels, e.g., 25 tons per year of combined total HAPs, 10 tons per year of a single HAP, and 25 tons per year of volatile organic material, at which a plant would be considered a major source for purposes of the Clean Air Act Permit Program. Actual emissions from this facility will be less than predicted in this summary to the extent that the plant uses less of material, gaseous fuel is used, and control measures are more effective than required by this permit.

EMISSIONS (Tons/Year)						
<u>Equipment/Process</u>	<u>PM</u>	<u>NO_x</u>	<u>CO</u>	<u>SO₂</u>	<u>VOM</u>	<u>HAP</u>
3 CI Coating and Printing Lines (Total)	--	--	--	--	16.49	1.00
Wax Coating Line	--	--	--	--	5.86	2.00
2 Mixing Tanks (Total)	--	--	--	--	0.88	--
Total:	--	--	--	--	23.23	3.00

DES:EEJ:psj